

FORM PTO-1390 (REV. 10-2003)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 10191/4818
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/593583</b>	
INTERNATIONAL APPLICATION NO. PCT/EP2005/050920	INTERNATIONAL FILING DATE (02 March 2005) (02.03.05)	PRIORITY DATE CLAIMED: 20 March 2004 (20.03.04)	
TITLE OF INVENTION SENSOR FOR DETERMINING A PHYSICAL PROPERTY OF A TEST GAS			
APPLICANT(S) FOR DO/EO/US Juergen WILDE			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li><input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li><input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li><input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> is attached hereto.</li> <li><input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li><input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li><input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> have been communicated by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) (unsigned)</li> <li><input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>			
Items 11 to 20 below concern document(s) or information included:			
<ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li><input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input checked="" type="checkbox"/> A preliminary amendment.</li> <li><input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li><input checked="" type="checkbox"/> A Substitute Specification, and a mark-up copy thereof.</li> <li><input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li><input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li><input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li><input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li><input checked="" type="checkbox"/> Other items or information: International Search Report (translated), Form PCT/RO/101 and Written Opinion of the International Searching Authority.</li> </ol>			

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The following fees are submitted:			
21. <input checked="" type="checkbox"/> Basic National Fee .....\$ 300.00 \$ 300.00			
22. <input type="checkbox"/> Examination Fee If International preliminary exam report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)(4).....\$ 100.00			
<input checked="" type="checkbox"/> All other situations.....\$ 200.00 \$ 200.00			
23. <input type="checkbox"/> Search Fee Search Fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as ISA.....\$ 100.00			
<input checked="" type="checkbox"/> International Search Report prepared and provided to the Office. \$ 400.00 \$ 400.00			
All other situations.....\$ 500.00 \$			
<b>TOTAL OF (21), (22), &amp; (23) =</b> \$ 900.00			
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing on computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
-100	/50=		x \$250 \$
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).			\$
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total Claims	13	0	x \$50.00 \$
Independent Claims	1	0	x \$200.00 \$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00 \$
<b>TOTAL OF ABOVE CALCULATIONS =</b>			<b>\$ 900.00</b>
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.			
<b>SUBTOTAL =</b>			<b>\$ 900.00</b>
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).			\$
<b>TOTAL NATIONAL FEE =</b>			<b>\$</b>
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet. \$40.00 per property.			\$
<b>TOTAL FEES ENCLOSED =</b>			<b>\$ 900.00</b>
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.	Amount to be refunded:		\$
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>11-0600</u> in the amount of \$900.00 to cover the above fees. A duplicate of this sheet is enclosed.	Amount to be charged		\$ 900.00
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to .....Deposit Account No. 11-0600. A duplicate copy of this sheet is enclosed.			
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.			
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. <i>K. J. N. 4/12</i>			
SEND ALL CORRESPONDENCE TO: KENYON & KENYON LLP One Broadway New York, New York 10004 <b>CUSTOMER NO. 26646</b>		<b>SC2</b> SIGNATURE Gerard A. Messina (Reg. No. 35,952) NAME <i>9/25/04</i> DATE	